

ABSTRACT

A graphite archery arrow having an elongate shaft, a fletching portion at the end of the shaft, and a tip portion at the opposite end of the shaft, the shaft consisting of a number of graphite fibers longitudinally oriented along the shaft; a number of graphite fibers biased to the longitudinally oriented graphite fibers; and a binder holding together the longitudinally oriented graphite fibers and the biased graphite fibers. The arrow may also have a tapered portion and a parallel portion.